Focusing Education on the Future!

People with careers in the Animal Systems pathway develop better, more efficient ways of producing and processing meat, poultry, eggs and dairy products. They study genetics, nutrition, reproduction, growth and the development of domesticated farm animals. One may inspect and grade livestock food products, purchase livestock or work in technical sales or marketing.

Demand for food and fiber will increase due to the growth in world population and in the demand for U.S. agricultural exports as developing nations improve their economies and personal incomes. Food research will result in additional job opportunities for food scientists and technologists. This research will be stimulated by a heightened public focus on diet, health, and food safety. Aquaculture will continue to provide some new employment opportunities over the next decade. The growing demand for certain seafood items has spurred the growth of aquaculture farms. As a result, continued growth is expected. Opportunities for veterinarians is also expected to increase.

CAREER PATHWAY
ANIMAL SYSTEMS

Major Courses
Students must take THREE pathway concentration courses and ONE additional pathway elective course.

Pathway Concentration Courses (3):
- Agriscience Principles & Technology I
- Agriscience Principles & Technology II
- Agriscience Principles & Technology III
- Basic Agricultural Science & Technology

Pathway Elective Courses (1):
- Apprenticeship/Internship
- Other Pathway Concentration Course

Other Recommended Courses

- Biology
- Business Essentials
- Chemistry
- Economics
- Environmental Science

EMPLOYMENT OUTLOOK

Post-Secondary Degrees, Diplomas, & Certificates

<table>
<thead>
<tr>
<th>Technical Colleges</th>
<th>Colleges/Universities</th>
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</thead>
<tbody>
<tr>
<td>Veterinary Assistant</td>
<td>Animal Health</td>
</tr>
<tr>
<td>Veterinary Medicine</td>
<td>Animal Science</td>
</tr>
<tr>
<td>Veterinary Technology</td>
<td>Poultry Science</td>
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</tbody>
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</tbody>
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Agricultural Educator | Veterinarian | Embryo Technologist | Dairy Producer
Livestock Producer | Veterinary Assistant | Avarian Technician | Meat Science Researcher
Aquaculturalist | Feedlot Specialist | Wildlife Biologist | Reproductive Physiologist
AI Technician | Animal Scientist | Livestock Geneticist | Embryo Transfer Technician
Animal Caretaker | Livestock Buyer | Animal Nutritionist | Pet Shop Operator
Equine Manager | Feed Sales Representative | Animal Geneticist | USDA Inspector
Farm Manager | Poultry Service Technician | County Extension Agent | Poultry Manager

* Pre-requisites noted in course descriptions.